



CONCRETE  
COLOUR  
SYSTEMS



*Colour and  
design ideas  
for around  
your home*

CCS full depth  
coloured concrete

# Bringing the outdoors and indoors to life with colour

Bring your driveway, patio or internal floor to life with the natural appeal of full depth colour.

'Full depth' or 'colour through' concrete is created by adding your selected CCS pigment colour to the concrete truck and is then thoroughly mixed prior to delivery to your site. Full depth coloured concrete provides you with a durable surface in a range of wonderful 'earthy' tones.

In addition to its beauty, CCS coloured concrete can be installed quickly and is relatively easy to maintain. It is also extremely cost-effective. And because the concrete is coloured all the way through the slab, rather than painted or topped with colour, fading and re-application are no longer issues.

Another great advantage of full depth coloured concrete however, is its ability to be shaped, coloured, exposed and polished into a variety of finishes to complement your home or project design.

With 60 standard colours to choose from within the CCS colour pigments range, you are sure to find the colour scheme that's just right for you.

This brochure is designed to provide you with some ideas and examples of how coloured concrete can be used to convert the areas around your home into spaces of style and functionality.



Left: The use of colour (CCS Lychee), stone and patterns creates a unique and interesting entry.

Front cover: Driveway was coloured with CCS Corn and then polished.



This courtyard has an understated copper pot ambience due in no small part to the 'CCS Caramel' coloured concrete complete with a grooved joint finish.

Encapsulate timeless beauty with polished concrete. Colour: CCS Ghost Gum (sealed with CCS Armourseal).

Pool surrounds can be made safe and attractive with a lightly 'exposed' concrete finish. Colour: CCS Parchment in off-white cement.



## Use colour and pattern to create a 'wow' factor to the exterior areas surrounding your home

Ensure your external areas both enhance and embellish the appearance of your home.

There are a multitude of design variations that can be used with full depth coloured concrete - allowing you to create the look that is just right and perhaps unique for you and your home.

Depending on the look you desire, choose from the wide selection of neutral shades or perhaps the more bold colours to create a driveway that really makes a statement.

Consult with your decorative concrete specialist to craft a simple, classic style or if you wish, let your imagination run wild and specify a combination of different colours, textures and borders.

Left: A mix of colours (CCS Lemon Cream, CCS Biscuit and CCS Pottery) and geometrical shapes creates a funky looking driveway.

Below: Create an elegant, interesting look separated by bands of darker pavers - as an alternative to traditional joinery. Colour: CCS Driftwood, polished concrete finish.





Large format paving shapes can be created to give dimension to wider expanses of concrete. Special tools are used while the concrete is still wet to create the grooves. Colour: CCS Driftwood.



# Pigmented all the way through for colour that lasts

The surface of any concrete pavement is subjected to continuous wear and tear from traffic and pedestrians. So much so, that over a long time, the top 1-2mm of the concrete is likely to suffer from abrasion. Unlike surface colouring methods, full depth colouring of the entire slab with CCS pigments means that surface abrasion is not a problem. CCS pigments are also UV and weather resistant meaning the colour you have chosen today will be just as beautiful in years to come.

The CCS black 'colours' are available in a bluish tone (Bluestone), a brownish black tone (Panther) or a conventional charcoal tone (CCS Black 21 and Onyx 21).



One of the most functional, practical and attractive options is the use of one of the five CCS charcoal colouring options. Choose from light greys, charcoals and blue-toned blacks. Colour: CCS Onyx 21.



Use of tile or paver inlays are a simple yet highly effective way of adding interest and variety to your exterior areas.  
Inlay Colour: CCS Gecko.  
Base Colour: CCS Black 21.





Above: Your decorative concrete professional can replicate this rustic finish with the CCS Rock Salt stamping mats. Colour: CCS Raffia Beige.

Below: Choosing the one matching colour with a simple, broom finished texture provides an economical, yet visually attractive result. Colour: CCS Bluestone.



Below: Contrasting texture and colour is both a simple, yet highly effective way of creating an interesting driveway. Broom finish on the left with exposed aggregate to the right of the poodle. Colours: CCS Sandplain and CCS Onyx 21.



Choose from a wide array of different textures to match the style of your home



A mixture of colour, stone and a sweeping coloured insert are combined to create a stunning entry to this Tuscan style home. A medium exposed finish was used. Colours: CCS Biscuit and CCS Snow (with off-white cement) in the bands.



# Versatile and ageless

Due to the great variety and diversity in colour, texture and shape, full depth coloured concrete equally suits traditional or contemporary homes and architecture.

Larger surface areas can be coloured and textured to reflect the architectural appearance of the home.



Above Colour: CCS Paperbark.



A smaller glossy stone is charming and easy on the feet (and paws).  
Colour: CCS Chocolate.



Add depth and character to large driveways with the addition of grooves in the concrete.  
Colour: CCS Black 21.





## Timeless and elegant – weathered stone in the colour of your choice

Emulating the weathered stone finish in coloured concrete can be achieved by your contractor with the use of the CCS textured mega mats.

Available in six seamless rock, granite and sandstone type textures, beautiful non-dimensional surfaces can be achieved.

These metre wide mats are laid in a random manner over the wet concrete to create an imprint in the surface leaving a seamless, natural weathered appearance reminiscent of sandstone, granite or worn stone.

Please visit our website [www.concretecoloursystems.com.au](http://www.concretecoloursystems.com.au) to view our range of mega mat designs.

Create this look with the CCS Sierra Seamless Stone mat. CCS Breadcrumb pigment and a black liquid release agent were used to create the colour.



The flexible CCS mega mats are placed into the coloured concrete by your contractor while it is still wet, imprinting a natural rock texture.

This pattern has been achieved through the use of the CCS Rough Stone stamping mat (the grooves placed when the concrete is wet). Colour:- CCS Kakadu.



A timeless look created with CCS Pewter coloured concrete and tan liquid release agent and the CCS Sierra Seamless stamping mat.

Sombre and at peace with the world. CCS Stone Beige coloured concrete helps complete the mood.



Panels of CCS Corn, CCS Desert Buff and CCS Black 21 in combination create a coloured, varied driveway and entry area to this apartment complex.





This CCS Bonsai coloured driveway has been enhanced with a secondary colouring method. CCS Storm Grey resurfacing compound was applied to the surface in a tile pattern, approximately two weeks after the coloured concrete was first laid.



CCS Honeycomb coloured concrete was used to complete this seaside townhouse.



A subtle, naturally coloured ripple pattern using two different base colours (CCS Pewter and CCS Paperbark) melds perfectly with this beautiful waterfront home.

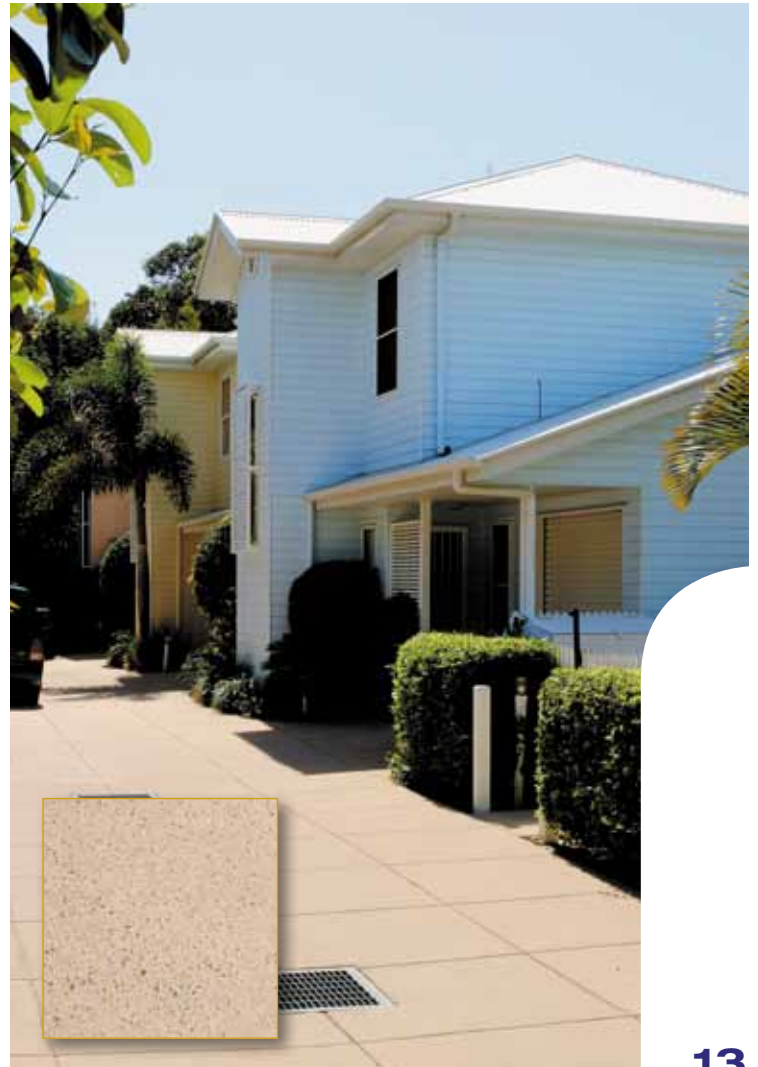
Sugar and spice and all things nice! A smooth black stone provides a strong contrast to the CCS Lychee coloured concrete.



Below: Create a striking area with colour and shape. The concrete has been integrally coloured with CCS Bonsai and the darker tile patterns have been added using CCS Storm Grey Resurfacing Compound and a stencil template.



Below: With the use of colour (CCS Yorkstone) and grooves this lightly exposed area is practical and ageless.





Above: Extremely hygienic and easy to clean, a sealed polished concrete floor is ideal for the kitchen and eating areas. Colour: CCS Lemon Cream.



Left: Polished concrete coloured with CCS Onyx 21 provides a stylish, easy to clean patio finish.

## Fall in love with the elegance, and enjoy the durability of polished concrete

Polished concrete provides you with a wonderful choice of pigmented backgrounds, natural aggregates and a silky smooth finish that is a delight to walk on. It is ideal for warm climates, or with the optional inclusion of heating pads, is magic for crisp winters complete with a crackling fire and your favourite red wine.

Always in style and well suited to a wide range of furniture or natural surrounds, polished concrete is extremely hygienic and easy to clean.

It's also practical for the busy family and for entertaining friends.

Resistant to wear, marking and dust, you will love its stylish appeal and functionality both now and for many years to come.

The photo below demonstrates the versatility of polished concrete. Matching coloured stones and pigments are used in one area, whilst contrasting coloured stones and pigment are used in the next. Panels of colour are also used to provide further contrast and definition to areas of the room. CCS Black 21 was used to colour the darker areas.

Photograph supplied by Cottee Parker Architects.





Above: Black pavers were used in the sweeping inserts. CCS Caramel was used to colour the concrete. The coloured concrete was honed to provide a smooth surface finish.



Above: A stunning contrast with honed and polished concrete. Colours: CCS Black 21 and CCS Driftwood.



A polished concrete driveway using CCS Corn and a mix of local stone adds beauty and sophistication.

## Making an entrance

Coloured concrete is a practical option for any entrance, and can easily be used to merge with other design elements such as timber, tiles, pavers and rock.

It provides excellent resistance to rain, sun and abrasion for an attractive, long wearing surface.

When you consider the almost endless combinations of colours, designs, stones and textures, coloured concrete is the perfect means to create an entrance to impress!

Left: A combination of several coloured stones were incorporated in the mix with CCS Bluestone pigment and then the surface layer was exposed.

Below: A cosy and inviting entry has been enhanced with the use of CCS Saffron to colour the concrete.



Below: CCS Mulberry was used to create an understated but elegant finish.







Fit for a king!  
Colour: CCS  
Onyx 21.



Bands of dark polished concrete break the broad entrance areas and complement the strong lines of this contemporary home. Colours: CCS Black 21 and CCS Lemon Cream.



## Perfect for poolside relaxing and outdoor entertaining



Coloured concrete is a great material for use around swimming pool areas. It's one of the few hardscape materials that can provide you with a safe texture for wet areas, excellent resistance to chemical and salt water attack and can be moulded and placed in a colour and shape to complement the pool side environment.

It is essential that an adequate texture or profile is created on the concrete surface at the time of placement. Popular finishes that enhance traction in wet areas include a heavy broom or coving trowel finish.

Left Colour: CCS Limestone and CCS Bluestone.

A smooth, polished finish in CCS Black 21 provides a contemporary yet hard wearing surface.





Above: A medium or lightly exposed coloured concrete finish is attractive, stable under wet feet and able to withstand the harsh environment of salt and chlorinated pools. Colour: CCS Biscuit, exposed aggregate finish.



Above: Colour: CCS Snow and CCS Parchment. Finish: Lightly exposed.



Right: By utilising a relatively light exposure a small, shimmering stone effect has been achieved. Colour: CCS Black 21.

## Types of Finishes Available

Depicted below are a selection of some of the many finishes possible with full depth coloured concrete. Most of these effects are achieved by your contractor working on the concrete while it is still wet to create permanent, lasting impressions.

Your choice of texture is dependent on the type of area or the kind of style you are aiming for. For example, it is wise to choose a textured

surface with a grip factor on driveways with a steep incline or for wet areas surrounding a pool.

If it's a subtle texture that you seek, then your contractor can provide either a trowel, broom, sponge or sand textured finish.

Or if you prefer the smooth stone or marble look, polished concrete may be the answer.



Broom finish



Machine trowel finish



Seamless texture mat



Sponge finish



Sandblasted



Saw cuts



Medium exposed



Rock salt finish



Coving trowel



Honed polished finish



Grooved, tooled joints



Lightly exposed

## Getting Creative

Embellishing the concrete by pressing features into the surface is also possible with imprints of animal life, plant life, shells and more. Special mats with textures such as shells and starfish or forest leaves

and rock are available from CCS for your contractor to use. The mats ensure a consistent design is achieved and is a practical way to create artistic impressions into the concrete.



Artistic creations



Sand blast



Textured imprint

# Important details to consider when choosing coloured concrete

## Sealing coloured concrete

We strongly recommend the application of a sealer on your coloured concrete. CCS has a full range of sealers ranging from a natural matt look to a high gloss finish, to hard wearing sealers for high traffic exterior areas and those suitable for indoors. Sealing your concrete will make it easier to clean in the future and will protect it from the ingress of dirt, grease, grime and other contaminants.



In addition to the CCS range of sealers we also produce a range of industrial strength sealers under the ACS brand name.

Ask your contractor about the right sealer for your job.



Please note that in most cases the addition of a sealer will affect the final colour of your concrete. As you can see from the picture on the left, the surface of the concrete becomes slightly darker once the sealer has been applied.



As an alternative, using the penetrating CCS Natural Seal Supreme will provide a matt look without a real change to the surface appearance. CCS Natural Seal penetrates to protect the concrete from the ingress of moisture.



## Grey Cement vs Off-White Cement

Although grey cement is used in all concrete plants in Australia, off-white cement is sometimes available in selected metropolitan plants. The use of off-white cement can assist in creating brighter, crisper colours. This effect is demonstrated in the photo below where the same caramel pigment was used. A tan colour is achieved when grey cement is used and a more orange colour results when off-white cement is used.

## Variations between exposed and broom or trowel finishes

The final colour will vary where exposed or honed finishes are used. This is due to the domination of colours in the stone or aggregate which ultimately affect the final appearance. The photograph below demonstrates how a slab coloured with the same CCS pigment differs in colour once the surface layer is removed to expose the stone. The difference creates a nice contrast however, and is often used as a design feature.



The same colour made with grey cement (left) and off-white cement (right).



The same colour was used on both sections of this concrete. Note how 'exposing the concrete' gives a completely different colour appearance.

## An inside glimpse into how coloured concrete is created



1 After choosing your preferred colour, your contractor will arrange for the colour to be delivered to your concrete company.



2 Preformulated bags of CCS colour pigments are added to the concrete truck at the concrete plant.



3 After intensive and thorough mixing coloured concrete is discharged from the truck.



4 Coloured concrete is screeded and floated.



5 If you have chosen a coloured exposed finish, the surface layer will be removed to reveal the stone within the mix. Other finishes will be completed in a different manner.



6 A close up of the "coloured exposed aggregate" surface.

## Early installation is essential with polished concrete.

Please note that Polished Concrete is frequently installed at the same time as the main concrete slab and foundations. This means that prior to starting the slab, you need to have decided on the background colour, the stone colour mixture, the relative smoothness of the surface finish, the method of crack control and your polished concrete contractor.

Your builder also needs to consider whether the polished concrete will be recessed - or whether it will occupy the full depth of the slab. They must also consider how the surface will be protected whilst the house is being constructed over it.

The photographs below are provided to give an insight into the grinding machinery and process involved with polishing concrete. Please note that the final grinding and application of the protective sealer coats should be concluded prior to the installation of skirting boards.

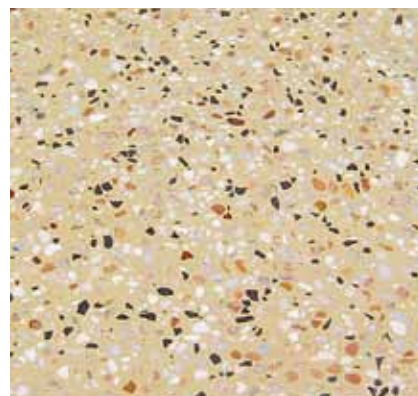
Talk to your builder about your options or call our helpline for more information.



Grinding - Once the slab is fully cured, your concrete specialist will grind away the surface of the concrete to reveal the stone.



Polishing - They will then polish the surface several times using different size "grit" polishing pads to create a smooth floor.



A protective sealer will be applied to leave you with a smooth, stylish, low maintenance floor.

# Let us assist you

Concrete Colour Systems have friendly and experienced staff available throughout Australia who can answer your questions and put you in contact with local, qualified contractors who can provide further advice and a quote on your individual project.

They can also provide information on our other systems for concrete including:

- CCS Style Pave Resurfacing
- CCS Stamped Concrete
- CCS Stenciled Concrete
- Quartzon Coloured Pool Renders
- ACS Industrial Strength Sealers

Our interactive website [www.concretocoloursystems.com.au](http://www.concretocoloursystems.com.au) is a wonderful source of information to provide you with answers to most of your questions including details on the latest finishes for concrete.



# Call us if you require more accurate colour charts

Our true to life colour chart depicts our range of 60 colours and should be referred to before choosing colours. Simply call or email us and we will post you a copy.

It is important to note that once your coloured concrete has completely dried and cured (approximately 28 days) the surface may look slightly lighter than the colour depicted on the chart.

Although the CCS colour card is an accurate indication of colour, changes in the cement, natural aggregates and site conditions from one region to another will cause your final concrete colour to vary from the colour swatches.

Sealing your concrete with some types of sealer will darken the colour and provide a nice sheen to the area whilst also protecting the surface from dirt and other contaminants.



# High strength pigments made to endure

You can be confident that your project will perform to its best potential when CCS pigment concentrates are used. Only high tinting strength iron oxides, titanium dioxides, chrome green and aluminium cobalt pigments are used with maximum resistance to the alkaline conditions in concrete and the harsh UV rays within the Australian climate.

Since 1974 we have been supplying the design and building industries with quality products throughout Australia and overseas. We continually test our colours for even consistency and resistance to weathering and wear and tear.



CCS pigment concentrates are UV and weather resistant.



# Rich pigment blends for full depth colouring of pre-mix and pre-cast concrete

				
CCS Raffia Beige	CCS Lemon Grass	CCS Desert Buff	CCS Putty	CCS Savannah
				
CCS Corn	CCS Rattan	CCS Golden Bronze	CCS Morocco	CCS Sundance
				
CCS Gipsy	CCS Outback	CCS Brick Red	CCS Ruby	CCS Firecracker
				
CCS Cameo	CCS Paperbark	CCS Driftwood	CCS Spinifex	CCS Boomerang
				
CCS Kalahari	CCS Biscuit	CCS Saddle	CCS Caramel	CCS Cherokee
				
CCS Sandplain	CCS Canyon	CCS Mudpack	CCS Chocolate	CCS Kelp
				
CCS Limestone	CCS Eucalyptus	CCS Iguana	CCS Amazon	CCS Cactus
				
CCS Canvas	CCS Yorkstone	CCS Honeycomb	CCS Desert Sand	CCS Cairo
				
CCS Apollo	CCS Pewter	CCS Mulberry	CCS Kakadu	CCS Moss Green
				
CCS Grasshopper	CCS Lychee	CCS Lizard Skin	CCS Water Buffalo	CCS Elephant
				
CCS Ghost Gum	CCS Smokey Blue	CCS Gothic Charm		
				
CCS Black 21	CCS Onyx 21	CCS Blue Gum		
				
CCS Licorice	CCS Voodoo			

Due to the limitations of the printing process, the colours on this page are not accurate. Please refer to our 'True to Life Colour Card' for accurate colour representation. Likewise variations in local aggregates, cements and laying techniques will impact on colour.

## CONCRETE COLOUR SYSTEMS

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